

In the Claims:

Please amend the claims as follows:

al 1. (Amended) A back light device for a liquid crystal display device, comprising:

a light source providing light;

a light waveguide plate guiding light from the light source, said light waveguide plate having an emitting surface, a front surface and a bottom surface, the emitting surface being adjacent to the light source;

a reflector arranged under the bottom surface of the light wave guide plate, reflecting light; and

at least one single layer cholesteric liquid crystal (CLC) film arranged on the front surface of the light wave guide plate, collimating light.

2. (Amended) The back light device of claim 1, wherein the single layer CLC film is one of either a right handed or a left handed CLC layer, the right handed CLC layer selectively reflecting right handed circularly polarized light and the left-handed CLC layer reflecting left-handed circularly polarized light.

3. (Amended) The back light device of claim 1, wherein the at least one single layer CLC film has a dual-layered structure having both a right and a left

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handed CLC layer, the right and left handed CLC layer selectively reflecting right and left-handed circularly polarized light, respectively.

4. (Amended) The back light device of claim 1, further comprising a prism sheet arranged between the at least one single layer CLC film and the front surface of the light wave guide plate.

Please add the following claims:

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--5. (Added) A back light device for a liquid crystal display device, comprising:

a light source providing light;

a light waveguide plate guiding light from the light source, said light waveguide plate having an emitting surface, a front surface and a bottom surface, the emitting surface being adjacent to the light source;

a reflector arranged under the bottom surface of the light wave guide plate, reflecting light; and

at least one single layer cholesteric liquid crystal (CLC) films arranged over the front surface of the light wave guide plate, collimating light, wherein the at least one CLC film selectively reflects vertically incident light with a wavelength of more than 600 nm.--

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--6. (Added) The back light device of claim 5, wherein each single layer CLC film is one of either a right handed or a left handed CLC layer, each right handed CLC layer selectively reflecting right handed circularly polarized light and each left-handed CLC layer reflecting left-handed circularly polarized light.--

--7. (Added) The back light device of claim 5, wherein each single layer CLC film is formed by a dual-layered structure, each structure having both a right and a left handed CLC layer, the right and left handed CLC layers selectively reflecting right and left-handed circularly polarized light, respectively.--

--8. (Added) The back light device of claim 5, further comprising a prism sheet arranged between the at least one single layer CLC film and the front surface of the light wave guide plate.--

--9. (Added) A back light device for a liquid crystal display device, comprising:

a light source providing light;

a light waveguide plate guiding light from the light source, said light waveguide plate having an emitting surface, a front surface and a bottom surface, the emitting surface being adjacent to the light source; and

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at least one cholesteric liquid crystal (CLC) film arranged on the emitting surface of the light wave guide plate, collimating light.--

--10. (Added) The back light device of claim 9, wherein the at least one CLC film is one of either a right handed or a left handed CLC layer, the right handed CLC layer selectively reflecting right handed circularly polarized light and the left-handed CLC layer reflecting left-handed circularly polarized light.--

--11. (Added) The back light device of claim 9, wherein each of the at least one CLC films is formed by a dual-layered structure, each structure having both a right and a left handed CLC layer, the right and left handed CLC layers selectively reflecting right and left-handed circularly polarized light, respectively.--

--12. (Added) The back light device of claim 9, further comprising a prism sheet arranged between the at least one CLC film and the front surface of the wave guide plate.--

--13. (Added) A back light device for a liquid crystal display device, comprising:

a light source providing light;

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a light waveguide plate guiding light from the light source, said light waveguide plate having an emitting surface, a front surface and a bottom surface, the emitting surface being adjacent to the light source;

a reflector arranged under the bottom surface of the light waveguide plate, reflecting light; and

at least one cholesteric liquid crystal (CLC) film arranged on the emitting surface of the light waveguide plate adjacent to the light source.--

--14. (Added) The back light device of claim 13, wherein the single layer CLC film is one of either a right handed or a left handed CLC layer, the right handed CLC layer selectively reflecting right handed circularly polarized light and the left-handed CLC layer reflecting left-handed circularly polarized light.--

--15. (Added) The back light device of claim 13, wherein the at least one single layer CLC film has a dual-layered structure having both a right and a left handed CLC layer, the right and left handed CLC layer selectively reflecting right and left-handed circularly polarized light, respectively.--

--16. (Added) The back light device of claim 13, further comprising a prism sheet arranged between the at least one single layer CLC film and the front surface of the light wave guide plate.--
